

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57660 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 19 2012

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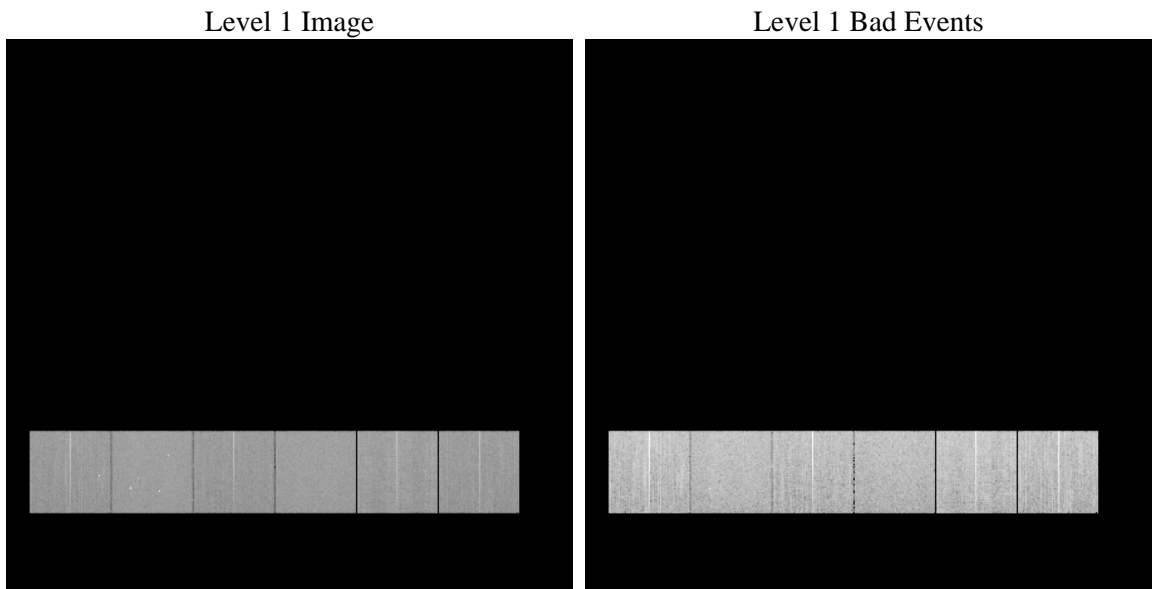
1 Front

seq_num	 	Sequence number
obs_id	57660	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	330.02199118599	Nominal RA [deg]
dec_nom	-47.975372661186	Nominal Dec [deg]
roll_nom	26.207069221261	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8220.7999694347	Sum of GTIs [s]
livetime	8116.7032502503	Livetime [s]
ontime4	8220.7999694347	Sum of GTIs [s]
ontime5	8220.7999694347	Sum of GTIs [s]
ontime6	8220.7999694347	Sum of GTIs [s]
ontime7	8220.7999694347	Sum of GTIs [s]
ontime8	8220.7999694347	Sum of GTIs [s]
ontime9	8220.7999694347	Sum of GTIs [s]
l2events	602563	Number of level 2 events

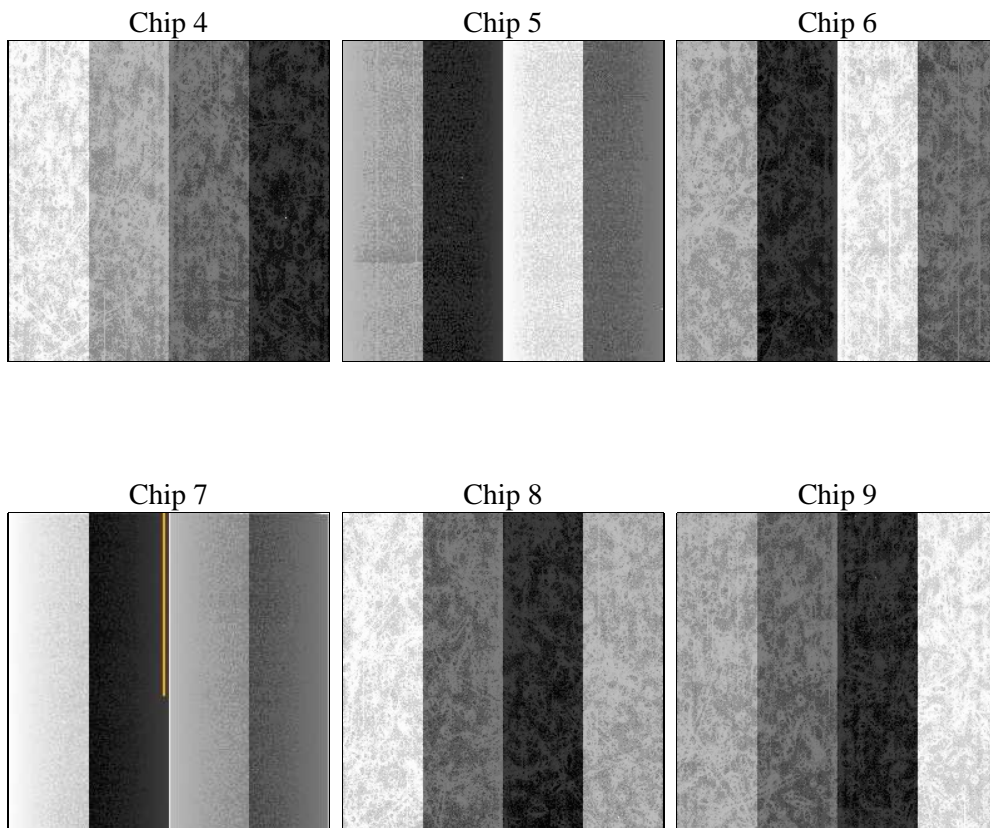
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	8220.7999694347	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8220.7999694347	Sum of GTIs [s]
date	2012-05-19T04:50:24	Date and time of file creation	ontime5	8220.7999694347	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8220.7999694347	Sum of GTIs [s]
			ontime7	8220.7999694347	Sum of GTIs [s]
			ontime8	8220.7999694347	Sum of GTIs [s]
			ontime9	8220.7999694347	Sum of GTIs [s]
			l1events	1118197	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	176091	200762	170081	197761	198309	175193	grade 0 events	53111	21505	51706	25480	56263	50880
rejected events	83615	72383	72923	67892	86235	80865		30%	10%	30%	12%	28%	29%
rejected %	47%	36%	42%	34%	43%	46%	grade 1 events	537	227	342	178	370	375
								0%	0%	0%	0%	0%	0%
							grade 2 events	14861	45940	17141	28532	20979	16565
								8%	22%	10%	14%	10%	9%
							grade 3 events	6495	6036	6449	12370	8026	6303
								3%	3%	3%	6%	4%	3%
							grade 4 events	6426	5936	6403	12285	7873	6314
								3%	2%	3%	6%	3%	3%
							grade 5 events	4350	9902	4275	10963	5702	4833
								2%	4%	2%	5%	2%	2%
							grade 6 events	12119	49717	16039	51925	19527	14813
								6%	24%	9%	26%	9%	8%
							grade 7 events	78192	61499	67726	56028	79569	75110
								44%	30%	39%	28%	40%	42%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	330.0219911859934	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-47.97537266118583	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	26.20706922126133			
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	334283197.778779	334283196.75376			
Observation start date	2008-08-05T00:26:38	2008-08-05T00:26:36			
[s] Observation end time (MET)	334296233.729419	334296232.7044			
Observation end date	2008-08-05T04:03:54	2008-08-05T04:03:52			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2207999694347

A.2 Comments